



General Specifications

Allowable Ambient Temperature Range:

- 10°C ~ +60°C (Operating)
- 40°C ~ +60°C (Storage)
- (non-condensing environment)

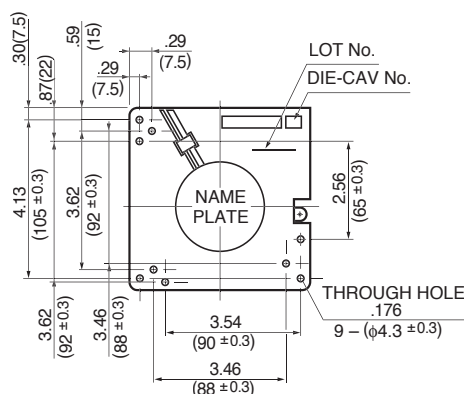
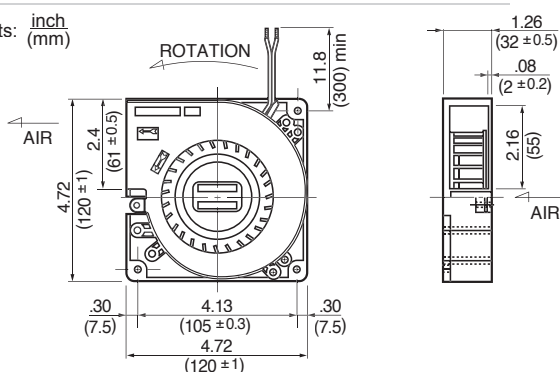
Expected Life

Failure Rate: 10%

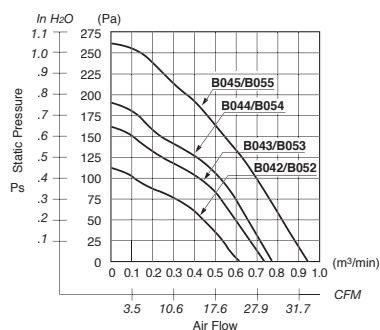
25°C 100,000 Hours (00)

Outline

Units: $\frac{\text{inch}}{(\text{mm})}$



Characteristic Curves



Material

Casing : Plastic (Black) 94V-0
 Impeller : Plastic (Black) 94V-0
 Bearing : Ball Bearing
 Lead Wire : UL1007, AWG26, +Red, -Black

Specifications

MODEL	Product No.	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
		(V)	(V)	(A) ^{*1}	(W) ^{*1}	(min ⁻¹) ^{*1}	CFM ^{*1}	(m ³ /min) ^{*1}	in H ₂ O	(Pa) ^{*1}	(dB) ^{*1}	(g)
BG1203-B042-000-	00	12	6 ~ 13.8	0.30	3.60	1800	22.2	0.63	.40	100	46.0	270
BG1203-B043-000-	00	12	6 ~ 13.8	0.48	5.78	2100	26.1	0.74	.58	145	50.5	270
BG1203-B044-000-	00	12	6 ~ 13.8	0.65	7.80	2250	28.2	0.80	.70	175	52.0	270
BG1203-B045-000-	00	12	6 ~ 13.8	0.93	11.16	2650	33.2	0.94	1.04	260	55.0	270
BG1203-B052-000-	00	24	12 ~ 27.6	0.17	4.08	1800	22.2	0.63	.40	100	46.0	270
BG1203-B053-000-	00	24	12 ~ 27.6	0.25	6.00	2100	26.1	0.74	.56	145	50.5	270
BG1203-B054-000-	00	24	12 ~ 27.6	0.30	7.20	2250	28.2	0.80	.70	175	52.0	270
BG1203-B055-000-	00	24	12 ~ 25.2	0.48	11.52	2650	33.2	0.94	1.04	260	55.0	270

Rotation: Counterclockwise

*1: Average Values in Free Air

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

NMB Technologies:

<u>BG1203-B054-000-00</u>	<u>BG1203-B045-000-00</u>	<u>BG1203-B045-00S-00</u>	<u>BG1203-B055-00L-00</u>	<u>BG1203-B044-00L-00</u>
<u>BG1203-B043-00S-00</u>	<u>BG1203-B044-00S-00</u>	<u>BG1203-B043-00L-00</u>	<u>BG1203-B052-00S-00</u>	<u>BG1203-B042-000-00</u>
<u>BG1203-B053-00S-00</u>	<u>BG1203-B045-00L-00</u>	<u>BG1203-B043-000-00</u>	<u>BG1203-B052-00L-00</u>	<u>BG1203-B053-00L-00</u>
<u>BG1203-B054-00L-00</u>	<u>BG1203-B053-000-00</u>	<u>BG1203-B055-00S-00</u>	<u>BG1203-B042-00S-00</u>	<u>BG1203-B042-00L-00</u>
<u>BG1203-B052-000-00</u>	<u>BG1203-B055-000-00</u>	<u>BG1203-B044-000-00</u>	<u>BG1203-B054-00S-00</u>	